

**Patent** [19]

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## [54] AIR CLEANER

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[51] Int. Cl.<sup>6</sup> A61L00920 ; F24F00700

## [57] ABSTRACT

**PROBLEM TO BE SOLVED:** To prevent a special lamp for irradiating light to a photocatalyst to activate the photocatalyst from being detached or broken when a shock is added to a base board holding the special lamp or when the base board 21 is distorted, etc.

**SOLUTION:** This air cleaner is provided with a hook shaped holding hook 23 projecting from the surface 24 of the base board 21 in order to hold the special lamp 20. The inner diameter of the holding space 31 of the hook 23 is made larger than the outer diameter of the lamp 20. Thereby, as the lamp 20 is held with play in a movable state within the space 31, the shock added to the board 21 or the distortion of the board 21 are not transmitted easily to the lamp 20 to eliminate the fear of the breakage of the lamp 20 and its being detached from the hook 23.

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